



12/8/05

<p style="text-align: right;">PTO/SB/088 (08-03)</p> <p>Approved for use through 07/31/2006. OMB 0651-0031</p> <p>U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE</p> <p>Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.</p> <p>Substitute for form 1449/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(Use as many sheets as necessary)</p>													
<b>Complete If Known</b>													
<table border="1"> <tr> <td>Application Number</td> <td>10/711,294</td> </tr> <tr> <td>Filing Date</td> <td>09/08/2004</td> </tr> <tr> <td>First Named Inventor</td> <td>Chen-Chih Huang</td> </tr> <tr> <td>Art Unit</td> <td>2661</td> </tr> <tr> <td>Examiner Name</td> <td>NGUYEN, CHAU T</td> </tr> <tr> <td>Attorney Docket Number</td> <td>REAP0046USA4</td> </tr> </table>		Application Number	10/711,294	Filing Date	09/08/2004	First Named Inventor	Chen-Chih Huang	Art Unit	2661	Examiner Name	NGUYEN, CHAU T	Attorney Docket Number	REAP0046USA4
Application Number	10/711,294												
Filing Date	09/08/2004												
First Named Inventor	Chen-Chih Huang												
Art Unit	2661												
Examiner Name	NGUYEN, CHAU T												
Attorney Docket Number	REAP0046USA4												
Sheet	2	of	2										

Examiner Signature	Ram Singh	Date Considered	3/25/07
-----------------------	-----------	--------------------	---------

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**1** Appellant's unique citation designation number (optional). **2** Appellant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.68. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

8/10/05

PTO/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U. S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1468/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use of money transfer is necessary)

Sheet 1 of 1

formation unless it contains a  
**Complete HKrown**

Application Number	10/711,294
Filing Date	09/08/2004
First Named Inventor	Chen-Chih Huang
Art. Unit	2661
Examiner Name	NGUYEN, CHAU T
Attorney Docket Number	REAP00041 USA4

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.*	Foreign Patent Document Country Code* Number* "Kind Code" (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T*
P1	4	TW 318989 (China)	11-01-1997		NO translation in English	
P1	5	TW 507433 (China)	10-21-2002		NO translation in English	

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

9/8/07

## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	ECHO CANCELLATION DEVICE FOR FULL DUPLEX COMMUNICATION SYSTEMS						
<p>Application Number :</p> <p>Confirmation Number:</p> <p>First Named Applicant: Chen-Chih Huang</p> <p>Attorney Docket Number: REAP0046USA4</p> <p>Art Unit:</p> <p>Examiner:</p> <p>Search string: ( 6373908 ).pn</p>							
<b>US Patent Documents</b>							
<b>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</b>							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
RS	1	6373908	2002-04-16	Chan			
Signature							
Examiner Name				Date			
Ram Singh				3/25/07			